

# MULTIPLEXING STRUCTURES FOR DELIVERY OF INTERACTIVE PROGRAM GUIDE

## ABSTRACT OF THE DISCLOSURE

Multiplexing structures presented overcome problems and disadvantages in the delivery of an interactive program guide. An apparatus for forming a multiplexed transport stream to deliver an interactive program guide includes: an encoder and packetizer adapted (i) to receive a plurality of video inputs, an audio input, and a plurality of data inputs, and (ii) to encode and packetize the inputs to generate a plurality of video packet streams, an audio packet stream, and a plurality of data packet streams; and a multiplexer and assigner adapted (i) to receive the plurality of video packet streams, the audio packet stream, and the plurality of data packet streams, (ii) to assign program identifiers (PIDs) to said packet streams, and (iii) to multiplex said packet streams to form the transport stream.

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